

04/26/01  
JC839 U.S. PTO

04.27-01

PATENT

# UTILITY PATENT APPLICATION TRANSMITTAL

(only for new non-provisional applications under 37 CFR §1.53(b))

Commissioner of Patents  
Box Patent Application  
Washington, D.C. 20231  
Sir:

Transmitted herewith for filing is the patent application  
under 37 CFR 1.53(b) of:

AVENTIS DOCKET NO.: **CA2413-US NP**  
INVENTORS: **ASTLES, Peter et al.**  
TITLE: **CHEMICAL COMPOUNDS**

I hereby certify that this correspondence is  
deposited with the United States Postal Service  
Express Mail in an envelope addressed to  
Commissioner for Patents, Washington, D.C.  
on

26 April 2001

Date of Deposit

Signature

EL608058688US

Express Mail No.

JC839 U.S. PTO

04/26/01

04/26/01

## APPLICATION ELEMENTS

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

Total Pages

164

3. ☐ Drawing(s) (35 U.S.C. 113)

Total Sheets

4. Oath or Declaration

Total Pages

3

- a. ☒ Newly executed (original or copy) (UNSIGNED)

- b. ☐ Copy from a prior application (37 CFR § 1.63(d))  
(for continuation/divisional with Box 16 completed)

- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior  
application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

☐ **if a CONTINUING Application**, check appropriate box, and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part  
of prior application no: \_\_\_\_\_, filed \_\_\_\_\_  
Examiner \_\_\_\_\_, Group/Art Unit \_\_\_\_\_  
(The cross reference has been/will be inserted on page one of the specification).

☐ This application claims the benefit of U.S. Provisional Application No. \_\_\_\_\_  
filed \_\_\_\_\_ (The cross reference has been/will be inserted on page one of the specification).

☐ **Incorporation By Reference** (useable if filing a continuation/divisional and a copy of the declaration from the prior application is enclosed.)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

### ACCOMPANYING APPLICATION PARTS

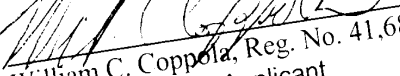
7. ☐ Assignment Papers (cover sheet & document(s)) ☐ Power of Attorney  
8. ☐ 37 CFR §3.73(b) Statement (when there is an assignee) ☐ Copies of IDS Citations  
9. ☐ English Translation Document (if applicable)  
10. ☐ Information Disclosure Statement (IDS)/PTO-1449  
11. ☐ Preliminary Amendment  
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized) ☐ Statement filed in prior application, Status still proper and desired  
13. ☐ \*Small Entity Statement(s) (PTO/SB/09-12)  
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
15. ☒ Other: 1-CDR for Table 4 (in duplicate) 37 CFR § 1.52  
2-Transmittal Letter for Compact Discs

### CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

005487

(Insert Customer No. or Attach bar code label here)

  
William C. Coppola, Reg. No. 41,686  
Attorney/Agent for Applicant

Aventis Pharmaceuticals Inc.  
Patent Department  
Route #202-206 / P.O. Box 6800  
Mail Code: EMC-G1  
Bridgewater, New Jersey 08807-0800  
Telephone (908) 231-4854  
Telefax (908) 231-2626

Aventis Docket No. CA2413-US NP

# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision.

### Complete if Known

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	ASTLES, Peter et al.
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No.	CA2413-US NP

TOTAL AMOUNT OF PAYMENT (\$ 1,726.00

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **18-1982**

Deposit Account Name **Aventis Pharmaceuticals Products Inc.**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed:  
☐ Check ☐ Credit Card ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing Fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$710

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
72	-20**= 52	x 18	= 936
Independent Claims	4	- 3**= 1	x 80 = 80
Multiple Dependent Claims		270	= 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$1016.00

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

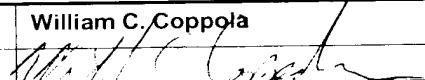
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2,520	147	2,520	For filing a request for re-examination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

### SUBMITTED BY

Name (Print/Type)	William C. Coppola	Registration No. (Attorney/Agent)	41,686	Telephone	(908) 231-4854
Signature		Date	1/26/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

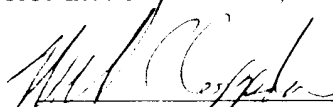
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):     ASTLES, ET AL.                     EXAMINER :           UNASSIGNED  
SERIAL NO. :       UNASSIGNED                     ART UNIT :           UNASSIGNED  
FILED :           APRIL 26, 2001  
FOR :           CHEMICAL COMPOUNDS

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL with label No. EL608058688US in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on April 26, 2001.

William C. Coppola, Reg. No. 41,686  
(Name of Registered Representative)

  
(Signature and Date)

TRANSMITTAL LETTER ACCOMPANYING SUBMISSION OF COMPACT DISCS  
UNDER 37 CFR 1.52

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Dear Sir:

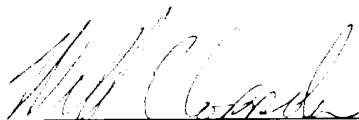
Pursuant to 37 CFR 1.52, Applicants submit the instant transmittal letter to accompany two (2) compact discs being filed with the above-identified Application on April 26, 2001. The two enclosed compact discs are identical. In the event that, for some reason, the discs are not identical, the United States Patent and Trademark Office will use the compact disc labeled "Copy 1" for further processing. The following information pertains to both discs:

1. Format for discs: IBM-PC;
2. Operating System for discs: MS-Windows;
3. File on discs: Table 4 of the above-identified Application, filed with the United States Patent and Trademark Office via Express mail on April 26, 2001;
4. Size of File on discs: 237 KB; and
5. Creation Date of discs: April 23, 2001.

### CONCLUSION

Early and favorable action on the claims is earnestly solicited.

Respectfully submitted,



William C. Coppola  
Attorney for Applicant(s)  
Registration No. 41,686

AVENTIS PHARMACEUTICALS PRODUCTS INC.  
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